

UNCLASSIFIED

AD NUMBER
AD478394
NEW LIMITATION CHANGE
TO Approved for public release, distribution unlimited
FROM Distribution authorized to DoD only; Administrative/Operational Use; DEC 1958. Other requests shall be referred to Department of the Army, Attn: Chief of Research and Development, Washington, DC 20310.
AUTHORITY
DoDD 5230.24, 18 Mar 1987

THIS PAGE IS UNCLASSIFIED

Each transmittal of this document outside the Department of Defense must have prior approval of the Chief of Research and Development, Department of the Army.

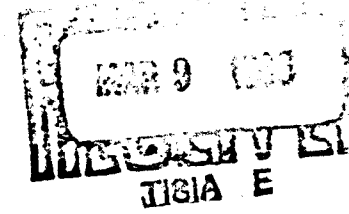
# HumRRD



1982

AD NO. AD 478394

DDG FILE COPY



036 550

## U.S. Army Infantry Human Research Unit Fort Benning, Georgia

Under the Technical Supervision of

The George Washington University  
HUMAN RESOURCES RESEARCH OFFICE  
operating under contract with  
THE DEPARTMENT OF THE ARMY

2443



Each transmittal of this document outside the Department of Defense must have prior approval of the Chief of Research and Development, Department of the Army.

⑦ RESEARCH MEMORANDUM

⑥ The Combat Subjects and Corresponding Proficiency Levels Essential to the 1962 Training Program for the Light Weapons Infantryman (MOS 111.0).



⑩ N. I. Fooks, John B. McKay and John E. Taylor.

⑪ Dec ~~1958~~, ⑫ Sep.

Approved:

PRESTON S. ABBOTT  
Director of Research

U.S. Army Infantry  
Human Research Unit  
Fort Benning, Georgia

Number 6

Copy 23

11/72

Timely comments or suggestions pertinent to the initial phases of the research project reported in this Memorandum are solicited. Communication may be effected, either directly or through military channels, to U.S. Army Human Research Unit, P.O. Box 2086, Fort Benning, Georgia. Only comments prior to 1 January 1960 can be utilized in this research project.



Preston S. Abbott  
Director of Research

CONTENTS

	Page
INTRODUCTION . . . . .	1
FACTORS TO BE CONSIDERED IN TRAINING THE LWI OF 1962 . . . . .	3
COMBAT SUBJECTS AND LEVELS OF PROFICIENCY . . . . .	5
FUTURE RESEARCH ACTIVITIES IN TASK RIFLEMAN . . . . .	10
IMMEDIATE VALUE TO THE ARMY . . . . .	10
SUMMARY . . . . .	11
APPENDIX . . . . .	12

The Combat Subjects and Corresponding Proficiency  
Levels Essential to the 1962 Training Program  
for the Light Weapons Infantryman (MOS 111.0)

INTRODUCTION

Army concepts of doctrine, organization, and materiel are undergoing extensive modification to meet current and future military requirements. Successful implementation of the new concepts requires suitable modification of training.

The research mission of Task RIFLEMAN as assigned by US Continental Army Command is "to improve the combat proficiency of the light weapons infantryman by developing a new Advanced Individual Training Program for the Light Weapons Infantryman."<sup>1/</sup> This new program is to be oriented around the doctrinal, organizational, and materiel concepts to be in effect in 1962.

As the first phase of the required research, the staff of Task RIFLEMAN has determined the essential combat subjects to be included in the training program for the Light Weapons Infantryman (LWI) MOS 111.0 and the general levels of proficiency required in each subject.

As a prerequisite to the research, comprehensive studies were made of small unit combat experiences in World War II and Korea, previous

---

<sup>1/</sup> Memo for Record, 10 March 1958, Subject: "24th Meeting of USCONARC Personnel Research Advisory Committee." Approved by letter, Chief Research and Development, Department of Army (CRD/J 7266), 2 June 1958. From: Chief Human Factors Research Division. To: Director, Human Resources Research Office, Subject: "FY 59 Work Program."

research in the areas of small group leadership and small group functioning, and tactical doctrine for the ROCID rifle platoon. The authors attended briefings and held conferences with members of the U. S. Army Infantry School, received official guidance from U. S. Continental Army Command, and considered changes in weapons as well as tactics projected for 1962 and beyond.

With this background, subjects required for a course of instruction were developed. The minimum level of proficiency required of the Light Weapons Infantryman to join a 1962 unit, either in training or in combat, was defined.<sup>1/</sup>

The resultant product is, therefore, not a revision in Army Training Programs (ATP's) 21-114 (Basic Combat Training) and 7-17 (Advanced Individual Training). Rather, this paper constitutes a complete and fresh analysis of the training requirements for the LWI, based on combat projected to 1962. Simplicity of approach, the nature of the analysis, and conditions anticipated for 1962 have dictated that many combat subjects in ATP 21-114 and ATP 7-17 for the LWI be broken down into their components, some eliminated, and others added.

Whereas the combat subjects listed in par 15 b, c, and d of ATP 21-114 (26 Nov 56) and par 19a (1) and (2) ATP 7-17 (11 Aug 58) do represent a present day counterpart of the projected combat subjects for 1962, no counterpart is known to exist for the minimum levels of combat proficiency which are delineated in this paper.

---

<sup>1/</sup> The essential subjects and levels of proficiency were developed in coordination with, and with the concurrence of, the U. S. Army Infantry School, Ft Benning, Georgia.

Included as an appendix to the report are selected bibliographic items which were extracted from source papers prepared by the U. S. Army Infantry Human Research Unit. These source papers summarize pertinent future doctrine, past combat, and previous research, and furnish a general guide for development of future training programs.

#### FACTORS TO BE CONSIDERED IN TRAINING THE LWI OF 1962

##### Assumptions

1. The ultimate objective of the Infantry soldier's training is to make him effective in combat.
2. The soldier qualified in MOS 111.0 may normally be integrated into a unit that is undergoing training but, in an emergency, is minimally qualified for direct entry into combat.
3. Those military subjects which contribute to combat proficiency are essential to the soldier's training; those which serve objectives other than combat proficiency are not. Subjects not essential to combat proficiency, which are included in basic individual combat training for other purposes, should be listed for elimination when the emergency dictates.
4. Training during peace time will be conducted under conditions paralleling mobilization.

##### Levels of Combat Proficiency

The following four levels of combat proficiency were defined after careful consideration of minimum requirements for the Light Weapons Infantryman to effectively enter a combat situation.

Level I: Trained in a given subject to the degree that the individual has a basic knowledge of concepts and procedures.

Level II: Trained in a given subject to the degree that the individual has a basic knowledge of concepts and procedures and the procedures can be performed under supervision.

Level III: Trained in a given subject to the degree that the individual has a thorough knowledge of concepts and procedures and the procedures can be independently performed.

Level IV: Trained in a given subject to the degree that the individual has a thorough knowledge of concepts and procedures and the procedures are spontaneously performed under varying conditions (situations).

As a result of further research in each subject, considerations of the availability of time, problems of logistics, and difficulty of proper training techniques may require an adjustment in these levels as they apply to each subject. However, based upon prior research, the level of combat proficiency indicated in each subject is considered minimal for the Light Weapons Infantryman to participate in combat with reasonable effectiveness.

#### Conditions of Training

To train the Light Weapons Infantryman under routine training conditions will not be sufficient. It is anticipated that much of future combat will be carried out under conditions of limited visibility, both natural and artificial; that there will be a real and continuing threat from chemical, biological and/or radiological warfare; and that combat, generally, will be even more stressful than in the past. For these reasons it is considered essential that training be conducted under realistic conditions.

Climate and terrain are variables over which there can be little or no control. Though it would be desirable to have training conducted in an environment which would prepare the light weapons infantryman for all conditions of climate and terrain, the location and physical make up of U. S. Army Training Units dictate a realistic and middle-of-the-road approach in these areas. The program is being developed, therefore, on the assumption that training will be conducted in temperate climates on terrain which will offer no special problems. Commanders will find it necessary no doubt to make minor modifications to fit their particular training conditions. In addition, under the assumption that specialized training will be conducted independent of the Advanced Individual Training Program, no consideration is given to training under extreme conditions of climate and terrain.

#### COMBAT SUBJECTS AND LEVELS OF PROFICIENCY

The objective of the Advanced Individual Training Program for the Light Weapons Infantryman is to produce a well disciplined, physically conditioned soldier with sufficient training to be integrated into a military organization as a Light Weapons Infantryman. To accomplish this objective for the Infantry of 1962, it is proposed that the program complete the training of the Light Weapons Infantryman in the following essential combat subjects to the level of combat proficiency indicated.

WEAPONS	<u>Minimum Level of Combat Proficiency</u>
Rifle (U.S. Caliber .30 M1 and US caliber .30 M14)	IV
Hand Grenades (Fragmentation, smoke, etc)	IV

WEAPONS (CON'T)	<u>Minimum Level of Combat Proficiency (Con't)</u>
Automatic Rifle (BAR and M15)	IV
Machine Gun (M-60)	III
Rifle Grenades (Launchers & Grenades) (Includes sq. AT Wpn or substitute)	III
Pistol (Automatic)	III
Bayonet or Knife	III
Platoon Anti-tank weapon (3.5" RL M20A1B1 or substitute)	III
Mines, Anti-tank (M7A2, M6A2, M15 and M19 or substitute) Anti-personnel (M2A4, M14 and M16 or substitute)	III
Ecooy Traps and Demolitions	II
Mortars (.81M and 4.2")	II
Heavy (Co) Anti-tank wpns. (106 MM RRM 40A1 or substitute)	II
Flame Thrower (portable and mechanized)	I
Other Infantry Flat Trajectory Weapons	I
Armor	I
Artillery	I
Air	I

#### COMMUNICATIONS

##### Command

Arm and Hand Signals	IV
Pyrotechnics	III
Radios	
Individual Radio	IV
AN/PRC-6 (or substitute)	III

COMMUNICATIONS (CON'T)	<u>Minimum Level of Combat Proficiency (Con't)</u>
<u>Command (Con't)</u>	
AN/PRC-10 (or substitute)	III
AN/PRC-13 (or substitute)	II
Telephone and wire	
Reel equipment CE-11	II
Telephone set TA 1/TT	II
TA 312 Telephone	II
Transmission Security	IV
Panel Set V17CVX	I
Message Writing	III
Emergency SWED SB 10/GT	I
<u>Individual to Individual</u>	
Auditory	IV
Visual	IV
TRANSPORTATION	
<u>Movement by Foot</u>	IV
<u>Movement by Vehicle</u>	
Mech. mule (includes emergency opn)	III
Truck (includes emergency opn)	III
Tank (M48A2 and M41 or substitute)	II
AFC (M59 and T113 or substitute) (includes emergency opn)	III
Helicopter (H34, H37, and H40 or substitute)	II
Fixed wing aircraft	II
Boat (assault craft)	II

INDIVIDUAL COMBAT TRAINING	<u>Minimum Level of Combat Proficiency (Con't)</u>
<u>Field Survival</u>	
Physical Conditioning	IV
First Aid	IV
Personal Hygiene	IV
Field Sanitation	IV
Maintenance of Clothing & Equip.	IV
Fieldcraft	III
Code of Conduct and Evasion & Escape	III
Psychological Conditioning*	IV
<u>Land Navigation</u>	
Movement	IV
Terrain Appreciation, Evaluation, Utilization	IV
Maps	III
Compass	IV
Aerial Photos	II
<u>Emplacement and Construction</u>	
Field Fortification	III
Obstacles	III
Fields of Fire	III

---

\*Psychological Conditioning includes control of fear, and reactions to the deterrents of survival (pain, cold, thirst, hunger, fatigue, boredom and loneliness). During the training program these are really imposed conditions and should not be considered in the same light as military subjects.

INDIVIDUAL COMBAT TRAINING (CON'T) Minimum Level of  
Combat Proficiency (Con't)

Reconnaissance and Security

Stealth	IV
Observation	IV
Reporting	IV
Light and Noise Discipline	IV
Combat Intelligence	I
Counter Intelligence	I
Use of Detection Devices	I
Cover	IV
Concealment	IV
Camouflage	IV
CBR	III
Protection Against Mines & Booby Traps	III

SQUAD TACTICS IN OFFENSIVE, DEFENSIVE AND RETROGRADE  
MOVEMENTS TO INCLUDE PATROLLING

Formations and Battlefield Plays	IV
Technique of Squad Fire	IV
Preparation for Tactical Operations on Short Notice	IV
Utilizing Surprise and Security Measures	III
Operating While Sustained Personnel and Equipment Losses	III
Interchanging Duties with Other Squad Members (non-leader)	III
Utilizing Supporting Fires	III
Operating with Armor	II
Operating Against Armor	III

SQUAD TACTICS IN OFFENSIVE, DEFENSIVE AND  
RETROGRADE MOVEMENTS TO INCLUDE PATROLLING  
(CON'T)

Minimum Level of  
Combat Proficiency (Con't)

Operating Over Prolonged Periods of Time	III
Operating As An Isolated Unit or Part of An Isolated Unit	II
Combat Feeding Procedures	III
Duties of Leaders (Team and Squad)	II
Operating Against Airborne Operation	II

FUTURE RESEARCH ACTIVITIES IN TASK RIFLEMAN

The contents of this paper will serve as a foundation for developing detailed lists of critical combat performances, skills and knowledges required in each subject, e.g., Observation is a subject under Individual Combat Training, Security Techniques. A list of critical performances, knowledges and skills relevant to Observation will be compiled. These lists will in turn serve as a basis for subsequent testing and training research.

IMMEDIATE VALUE TO THE ARMY

Although prepared to serve as a basis for the development of a new training program oriented toward the organizational, doctrinal, and materiel concepts of 1962, this paper may serve as a basis for command personnel charged with replacement training to reexamine curricula with the view to bringing combat requirement and training programs into closer harmony. The subjects and levels of combat proficiency listed herein for 1962 should warrant consideration for use as criteria or training goals

for current replacement training programs, if necessary allowances for differences in current weapons are made.

It is therefore hoped that the "Minimum Levels of Proficiency" will be of value to commanders in reaching a balance, subject-by-subject, of emphasis for their training programs.

#### SUMMARY

This report constitutes the completion of the first phase of Task RIFLEMAN. The content of the report establishes, for subsequent research, the essential combat subjects of the new training program for the Light Weapons Infantryman (MOS 111.0) of 1962 and the corresponding minimum level of performance required in each subject. It also includes, for such use as is considered warranted, suggestions which may be helpful in enabling command personnel charged with replacement training to assess their current curricula.

APPENDIX

### Selected Bibliography From Source Papers

Items listed are pertinent to the development of the material in this memorandum.

1. Ahern, Captain Neal J. "Killer Offensive," Combat Forces Journal, Vol. 3, November 1952, pp. 34-36.

2. Anders, 1st Lt. James D. "The Operation of the 3rd Platoon, Company L, 363d Infantry Regiment (91st Division), South of Mount Arnigo, Italy, 16-18 April 1945" (The Infantry School, Fort Benning, Georgia, unpublished Student Monograph, Advanced Infantry Officers Course, 1948-1949.)

3. Barfoot, Capt. Van T., "The Operation of the 3rd Platoon, Company L, 157th Infantry (45th Infantry Division) in the Battle at Anzio, During the Push to Rome, 22-24 May 1944." (The Infantry School, Fort Benning, Georgia, unpublished Student Monograph, Advanced Infantry Officers Course, 1948-1949.)

4. Baumgartner, Capt. John W. "The Operations of the 1st Platoon, Company I, 16th Infantry (1st Infantry Division) in the Remagen Bridgehead, 21-24 March 1945" (The Infantry School, Fort Benning, Georgia, unpublished Student Monograph, Advanced Infantry Officers Course, 1948-1949.)

5. Berkowitz, Leonard. "Group Standards, Cohesiveness and Productivity," Human Relations, Vol VII, No. 4, 1954, pp. 509-19.

6. Blum, 1st Lt. Charles K. "The Operations of the 3d Platoon, Company E, 7th Infantry Regiment (3d Infantry Division), East of Ostheim

in the Colmar Pocket, Alsace, 22-23 January 1945." (The Infantry School Fort Benning, Georgia, unpublished Student Monograph, Advanced Infantry Officers Course, 1948-1949).

7. Campbell, D. T. and Tyler, B. B. "The Construct Validity of Work Group Morale Measures," Journal of Applied Psychology, Vol. 41, No. 2, April 1957, pp. 91-92.

8. Carnegie Institute of Technology. Conditions Affecting the Military Utilizations of Peer Ratings: The Newport Study, Carnegie Institute of Technology, operating under contract with the office of Naval Research, Pittsburgh, Pa., January 1956.

9. "Combat Notes," The Infantry School Mailing List, Vol. XXVIII, July 1944, pp. 13-22.

10. Cook, Major James H., Jr. "The Operation of Company L, 179th Infantry (45th Infantry Division) in the Vicinity of the Factory, Anzio Beachhead, from 16-18 February 1944" (The Infantry School, Fort Benning, Georgia, unpublished Student Monograph, Advanced Infantry Officers Course, 1948-1949.)

11. Danzig, Elliot R., and Galanter, Eugene H. The Dynamics and Structure of Small Industrial Work Groups (Series 1955, Institute Report No. 7), Institute for Research in Human Relations, Philadelphia, Pa., 1955.

12. Davidson, Capt Shirley. "The Operations of the 2nd Platoon, Company G, 145th Infantry (37th Infantry Division) in the Reduction of the Intramuros, Manila, 23-24 February 1945" (The Infantry School, Fort Benning, Georgia, unpublished Student Monograph, Advanced Infantry Officers Course, 1948-49).

13. Department of the Army. The Assessment and Prediction of Rifle Squad Effectiveness (PRB Technical Research Note 31), Psychological Research Associates, Personnel Research Branch, The Adjutant General's Office, Washington, D. C., November 1954.

14. Department of the Army. Development and Cross-Validation of Scoring Keys for Leaders Course Selection Instruments (PRS Report 814), Personnel Research Section, The Adjutant General's Office, Washington, D. C., 20 December 1949.

15. Department of the Army. The Effectiveness of Small Military Units (PRB Report 980), Institute for Research in Human Relations, Personnel Research Branch, The Adjutant General's Office, Washington, D. C., September 1952.

16. Department of the Army. An Interview Study of Human Relationships in Effective Infantry Rifle Squads, (PRS Report 983), Institute for Research in Human Relations, Personnel Research Section, The Adjutant General's Office, Washington, D. C., 31 December 1952.

17. Department of the Army. FM 7-10 Rifle Company Infantry Regt., October 1949.

18. European Theater of Operations, United States Army. Battle Experiences (12th Army Group, 1944-1945).

- a. (p 25) - 2-14-I
- b. (p 26) - 2-36-II
- c. (p 27) - 2-39-II
- d. (p 27) - 3-60-IV
- e. (p 27) - 2-67-III
- f. (p 28) - 2-62-III

- g. (p 28) - 2-48-X
- h. (p 28) - 2-25-I
- i. (p 28) - 2-67-VI
- j. (p 29) - 3-60-VI
- k. (p 30) - 2-37
- l. (p 31) - 2-72-II
- m. (p 31) - 2-19-I
- n. (p 33) - 2-26-III
- o. (p 33) - 2-77-V
- p. (p 39) - 2-14-I
- q. (p 39) - 2-42-II
- r. (p 40) - 2-14-I
- s. (p 40) - 2-61-X  
                   2-40-II  
                   2-99-IV
- t. (p 15) - 2-73-VII

19. French, Robert L. "Sociometric Status and Individual Adjustment Among Naval Recruits," Journal of Abnormal and Social Psychology, Vol. 46 No. 1, January 1951, pp. 64-72.

20. Fry, Colonel, J. C. "One Week in Hell," Saturday Evening Post, Vol. 221, 25 June 1949, p. 36.

21. Glasgow, Capt W. K., Jr. "Near Perfect Attack," The Infantry School Quarterly, Vol. 44, July 1954, pp. 49-55.

22. Greer, F. Loyal, Small Group Effectiveness (Series 1955, Institute Report No. 6) Institute for Research in Human Relations, Philadelphia, Pa., 1955.

23. Gross, Edward. "The Primary Function of the Small Group," The American Journal of Sociology, Vol. 60, No. 1, July 1954, pp. 24-29.
24. Gugeler, Capt Russell A. Combat Actions in Korea, Combat Forces Press, Washington 6, D. C., 1945.
25. Haythorn, William W. Relationships Between Sociometric Measures and Performance in Medium Bomber Crews in Combat (AFPTRC-TR-54-101), Air Forces Personnel and Training Research Center, Randolph Air Force Base, Texas, December 1954.
26. Hoile, Capt. John D. "The Operation of Company K, 242d Infantry (42nd Infantry Division), in an Attack in the Hardt Mountains, Alsace, France, 14-15 March 1945" (The Infantry School, Fort Benning, Georgia, unpublished Student Monograph, Advanced Infantry Officers Course, 1948-49.)
27. Houser, Major Harold H. "The Operations of Company B, 232d Infantry (42d Infantry Division) in the Defense of the Rhine River, North of Starsbourg, Alsace, 24 December 1944 - 18 January 1945." (The Infantry School, Fort Benning, Georgia, unpublished Student Monograph, Advanced Infantry Officer's Course, 1948-1949).
28. "How We Fight, Mixed Japanese Opinions," Intelligence Bulletin, Vol. III, November 1944, p. 9.
29. Hungate, Lt Col James W. "Eattle Group - Defense," Infantry, October 1957, pp. 15-16.
30. Hunter, Lt. Sylvester J. "The Capture of Mount Frassino," Infantry Journal, Vol. LVIII, April 1946, pp. 27-30.
31. Jones, Capt. Thomas H. "Rifle Company - Defense." Infantry, October 1957, p. 20.
32. Kimball, Capt. Robert G. "The Operations of Company A, 406th

Infantry (102d Infantry Division), at Gereonsweiler, Germany, 20-21 November 1944." (The Infantry School, Fort Benning, Georgia, unpublished Student Monograph, Advanced Infantry Officers Course, 1948-1949).

33. Margruder, Lt. Gen. Carter B. "Logistics in the Atomic Era:" Army Information Digest, January 1958, Vol. 13, p. 29.

34. Marshall, Brig. Gen. S. L. A. Men Against Fire, William Morrow & Co., New York, 1947.

35. Marshall, Brig. Gen. S. L. A. The River and the Gauntlet, William Morrow & Co., New York, 1953.

36. Maucorps, Paul H. "A Sociometric Inquiry in the French Army," Sociometry, Vol. 12, 1949, pp. 46-80.

37. Mead, Maj. Gen. Armistead D., "Infantrymen! Do you Know Your Job," Infantry, April 1957, p. 90.

38. Murray, Lt. Col. James C., Jr. "The Taking of Jichaku Plateau" Marine Corps Gazette, Vol. 31, September 1947, pp. 14-25.

39. Nordlie, P. G. Performance of Small Military Groups as a Function of Intra-Group Knowledge, (University of Maryland, 1954, Master's Thesis).

40. Piercefield, Lt. Fremont as told to Donnelly, Lt. John. "Combat Outpost," Combat Forces Journal, Vol. 2, May 1952, pp. 12-16.

41. Rivetta, Capt. Donald A. "The Hot Corner at Butgenbach," Infantry Journal, Vol. LVII, October 1945, pp. 19-23.

42. Robbins, Capt. Edward S. "The Operations of Company E, 306th Infantry (77th Infantry Div.), in the Defense North of Shuri, Okinawa, 4-5 May 1945." (The Infantry School, Fort Benning, Georgia, unpublished Student Monograph, Advanced Infantry Officers Course, 1948-1949.)

43. Roby, Thorton B. Relationships Between Sociometric Measures and Performance in Medium Bomber Crews (Research Bulletin 53-41), Human Resources Research Center, Randolph Air Force Base, Texas, November 1953.

44. Rosenberg, Seymour et al. Some Effects of Varying Combinations of Group Members on Group Performance Measures and Leadership. (Research Report AFPTRC TN-55-83), Air Force Personnel and Training Research Center, Lackland Air Force Base, San Antonio, Texas, December 1955.

45. Seashore, Stanley E. Group Cohesiveness as a Factor in Industrial Morale and Productivity, (University of Michigan, Ann Arbor, 1954, Ph. D. Thesis).

46. Seashore, Stanley E. "Teamwork - Key to Production?" Adult Leadership, Vol. 3, No. 8, February 1955, pp. 20-21.

47. Shellum, Capt. Alford S. "The Operations of the 1st Platoon, Company F, 164th Infantry (American Division), East of Henderson Field, 4-14 November 1942." (The Infantry School, Fort Benning, Georgia, unpublished Student Monograph, Advanced Infantry Officers Course, 1948-49).

48. Smith, Capt. Norvin E., Jr. "The Operations of Company A, 184th Infantry (7th Infantry Division) on Bamboo Ridge Northwest of Damulan, Leyte, P. I., 27 November - 1 December 1944." (The Infantry School, Fort Benning, Georgia, unpublished Student Monograph, Advanced Infantry Officers Course, 1948-1949).

49. The Infantry School. "Lessons from Student Monographs, Military History Course, 1946-1950." Vol. I-IV (General Subjects Section, Academic Department - TIS) Fort Benning, Georgia, unpublished, undated.

50. USCONARC. Training Text 7-10-2 Rifle Company Infantry Regt., February 1957. U. S. Army Inf. School. Infantry Training Data, May 1958. U. S. Army Inf. School. Advance Sheet Rifle Company Infantry Divisions Battle Group, 13 October 1958 (Reference text for all Tactical Dept. Instructions, USAIS).

51. "What Jerry Thinks of Us and Himself," Intelligence Bulletin,  
Vol. III, December 1944, p. 40.

52. Van Zelst, Raymond H. "Validation of A Sociometric Regrouping  
Procedure," Journal of Abnormal and Social Psychology, Vol. 47, No. 2  
Supplement, April 1952, pp. 299-301.